

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

1. (Currently Amended) A control apparatus ~~for remote controlling an AV which~~ remotely controls a device in a home network system, comprising:
 - a remote controller for ~~remote~~ remotely controlling said control apparatus;
 - communication means for downloading a control program for ~~remote~~ remotely controlling an unknown AV device; and
 - control means for generating, according to the downloaded control program, a graphical user interface for graphically displaying functions assigned to plural a plurality of keys provided in said remote controller.
2. (Currently Amended) A control method for a control apparatus ~~for remote controlling an AV which remotely controls a device connected to in a home network system and has , the control apparatus being provided with a remote controller for remote~~ remotely controlling said control apparatus, the said method comprising steps of:
 - downloading a control program for ~~remote~~ remotely controlling an unknown AV device; and
 - generating, according to the downloaded control program, a graphical user interface for graphically displaying functions assigned to plural a plurality of keys provided in said remote controller.

3. (New) An apparatus according to claim 1, wherein said communication means starts to perform a process of downloading the control program if said control apparatus detects that said unknown device is connected to the network system.

4. (New) An apparatus according to claim 1, wherein said control apparatus is a television receiver.

5. (New) An apparatus according to Claim 4, wherein said communication means start to perform a process of downloading the control program if said control apparatus detects the said unknown device is connected to the network system.

6. (New) A method according to claim 2, wherein said downloading step starts to perform a process of downloading the control program if said control apparatus detects that said unknown device is connected to the network system.

7. (New) A method according to claim 2, wherein said control apparatus is a television receiver.

8. (New) A method according to claim 7, wherein said downloading step starts to perform a process of downloading the control program if said control apparatus detects that said unknown device is connected to the network system.

9. (New) A control apparatus which remotely controls a device in a network system, comprising:

a remote controller adapted to remotely control said control apparatus;

a communication unit adapted to download a control program for remotely controlling an unknown device; and

a control unit coupled to said communication unit, and adapted to generate, according to the downloaded control program, a graphical user interface

for graphically displaying functions assigned to a plurality of keys provided in said remote controller.

10. (New) An apparatus according to claim 9, wherein said communication unit starts to perform a process of downloading the control program if said control apparatus detects that said unknown device is connected to the network system

11. (New) An apparatus according to claim 9, wherein said control apparatus is a television receiver.

12. (New) An apparatus according to claim 11, wherein said communication unit starts to perform a process of downloading the control program if said control apparatus detects that said unknown device is connected to the network system.